JVC®

The Perfect Experience

GZ-MG50
GZ-MG40
GZ-MG30
GZ-MG20

HARD DISK CAMCORDERS

No Tape. No Disc.

Over 24 Hours Recording

It's Hard Disk.

Everio G Series

HARD DISK CAMCORDER

Hard Disk Drive. Very Easy Choice.

Don’t tape it, just take it. Don’t worry about reloading discs either, because the palm sized Everio G Series camcorders record hours and hours of video on a high-capacity internal hard disk drive. So when you leave on a trip, lighten your load, pack your little Everio and that’s it! No cassettes or discs to fill up your luggage or maybe even lose!

Direct random access makes it easy to delete or rearrange your footage even while on the go. And when you’re back, you’ll have so many ways to get connected and share all your memories. Everio G Series from JVC. It’s the long time recording and all the other great features of its hard disk drive that makes it the easy choice.

Everio G Series
HARD DISK CAMCORDER

GZ-MG50

GZ-MG20 GZ-MG30 GZ-MG40

Super Lightweight
Despite their high capacity, Everio G Series camcorders are very light, weighing in at **only 380g** (including battery and lens cap).

Everio G Series Lineup										
	Max. 37 Hours 30GB	GZ-MG50	15x Zoom	F1.2 Lens	Megapixel	Max. 25 Hours 20GB	GZ-MG40	15x Zoom	F1.2 Lens	Megapixel
		GZ-MG30	25x Zoom	F1.8 Lens			GZ-MG20	25x Zoom	F1.8 Lens	

[1] Long Time recording unavailable with any other storage medium.

Hard disk drive offers high capacity so you can record whole events like vacations without worry or fuss.

[2] No Cost for or need to buy additional recording media.

No extra tapes or discs necessary. One package solution. No interruption in shooting while changing tape or disc, so you won't miss a scene. No media to lose!

[3] Direct Access to scenes you want.

No need to FF or Rewind. Just click on the thumbnail image. Makes sifting through hours and hours of accumulated footage a breeze.

[4] No Risk of erasing something by mistake.

Won't ever record over those once-in-a-lifetime scenes. Recording starts automatically from the blank space on the disk.

[5] Easy Deletion of unwanted scenes.

Quickly select and erase entire scenes in an instant to free up disk space. Just shoot without a second thought and delete afterwards if it's not necessary.

[6] Simple Editing is possible by camera itself.

Playlist lets you select the scenes you want in the order you want. Convenient for viewing or dubbing.

! Smart Advantages of a Hard Disk Camcorder

Store It All. Simple Overall.

Worry-free recording, Safe from Shock, Vibration or Dropouts

Your digital movies are safe as long as you need them, no tapes or discs to lose! To protect the disk from shocks and vibrations, Everio G camcorders have a unique floating suspension system that effectively dampens vibrations through advanced polymer shock absorbers. Also incorporated is a motion sensor that automatically senses sudden acceleration such as in a free fall situation, and turns off the power to protect the hard disk drive even if the camera is dropped*.

* This function does not guarantee protection of the hard disk drive against all instances of droppage and physical impact.

! Long-Time High-Quality Video

Quality	GZ-MG50 GZ-MG30	GZ-MG40 GZ-MG20	Image size / Frame rate	Video bit rate (Mbps*)	Audio bit rate (Mbps*)
Ultra (DVD Movie)	7hr. 10min.	4hr. 50min.	720x576, 50i	8.5, CBR	384
Fine (DVD)	10hr. 40min.	7hr. 10min.	720x576, 50i	5.5, CBR	384
Norm (TV)	14hr. 10min.	9hr. 30min.	720x576, 50i	4.2, VBR	256
Eco (Internet)	37hr. 30min.	25hr.	352x288, 25p	1.5, VBR	128

*Video bit rate is fixed for Ultra and Fine modes, variable for Norm and Eco modes

Video shooting time (approximate, continuous shooting)

Compact Everio G Series camcorders' large-capacity internal hard disk drives mean you can record a great amount of video without a second thought.

The up-to-37 hour versions comfortably record 7 hours in Ultra mode, close to the maximum bit rate for standard definition digital broadcasts and DVD-movie quality. Fine mode records 10.5 hours on the 30GB hard disk drive at similar to DVD-camcorder quality (8cm single-sided disc, 30 minute mode).

The up-to-25 hour versions record 4.5 hours in Ultra mode and 7 hours in Fine mode on their 20GB hard disk drive. There are two more modes for even more recording time – like over 24 hours in Eco mode!

Keep your video library stored on Everio's hard disk drive with direct access to scenes for playback, and transfer the best scenes for sharing over to your video deck, computer or optional DVD burner.

Whatever mode, the high quality MPEG-2 recordings are more efficient than MiniDV, and in the same format as DVD, so they don't suffer from time and quality wasting conversion.

Extra-Quality Shooting Capabilities (GZ-MG50 / MG40)

• Megapixel Digital Stills with Megabrid Engine

The 1.33 Megapixel CCD image sensor enables capture of high quality video and stills, while JVC's Megabrid Engine separately processes video and still signals to provide high sensitivity and a high signal-to-noise ratio for moving pictures, as well as clear, high resolution still images.

Megabrid

• F1.2 Bright Lens

Allows the camera to obtain twice the light of an F1.8 lens, assuring a bright picture with less noise, even in low light.

3-Dimension Noise Reduction

Reduces video noise by 30% (2dB), and improves picture quality. Especially effective during low light shooting.

Conventional

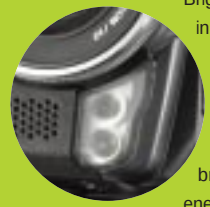
3D NR

Intelligent GUI for Easy Operation

Easily browse through your recorded scenes and select the files you want using the thumbnail display. A thumbnail image is automatically created every time you start shooting.

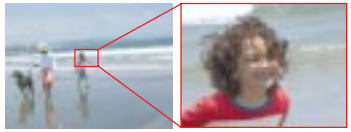
Thumbnail

Auto Illumi. Light



Brightens up your subject in low light situations using energy-efficient LEDs to reduce battery drain. The light will automatically turn off in bright environments so energy isn't wasted.

25x Optical Zoom with 800x Digital Zoom (GZ-MG30/MG20)



With the powerful 25x zoom, an image is enlarged 25 times without jagged edges. Images can be further enlarged up to 800x when combined with the digital zoom. For GZ-MG50/MG40, you get zoom ratios of 15x optical and 700x digital.

SD Memory Card Slot for Extra Storage and Easy Data Transfer

Convenient for recording and transferring still images to other equipment, there is a slot for commonly available SD Memory Card (not supplied).

Data Battery

Allows you to check the remaining battery power by % and remaining recording time in minutes at the touch of the INFO button, even while the camcorder's power is off! Optional larger capacity batteries are available for purchase.

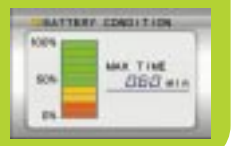
This product includes patented and other proprietary technology and will operate only with JVC Data Battery.

Power-Linked Operation

Automatically turns on the camera when you open the LCD so you can shoot right away, and turns off the camera when you close the LCD so you won't waste power.

INFO Button for Disk Capacity and Battery Life

The INFO button gives you one-touch confirmation of disk capacity and battery. Press the button to check the remaining recording capacities in all four recording modes. Press it again to check remaining battery and recording time.



2.5" Clear LCD Monitor

Cuts surface reflections and glare to maintain a clear, visible, bright view during outdoor recording in direct sunlight.

Multi-Language On-Screen Menu

You can choose the language used for menu settings and camera operations, making the camera much easier to operate.

Show It All Over.

Remote Control

With remote control operation, it's possible to connect the Everio G camcorder to a TV and operate it from a distance, just like a DVD deck.

Various Output Methods to Fully Enjoy Everio

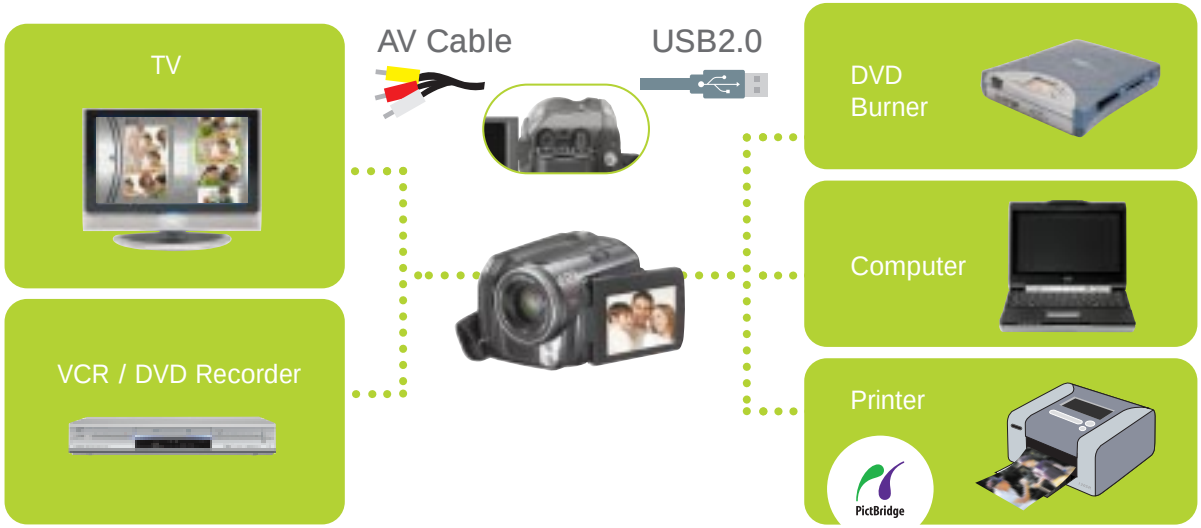
After you shoot, it's time to show it off! Everio's multiple interfaces make it easy.

DVD-quality picture on the big screen

Just hook up to a TV and enjoy Everio's high-quality MPEG-2 video on a large screen TV. Play just the clips you want in the order you like, pre-arranged right in the camera into a movie Playlist. This can also be done with the provided remote control.

Simple AV and S connection for dubbing or making a DVD

With the AV cable connected directly to a VCR or DVD recorder, you can copy Everio movie clips and playlists as many times as you like to a VHS tape or DVD disc for easy sharing with a wide audience. Every copy's high quality is the same.



Simple and easy DVD creation solution without a PC

Connect directly to an Everio-ready optional DVD Burner (Apacer AD330) via USB2.0 and you can burn a full-sized DVD-Video disc without a PC. Just select the Playlist or file, or simply copy it all – one touch gets you a full length or compilation of DVDs that can be watched on any DVD player.

Data management and advanced DVD creation

When connected to a computer via USB2.0, you can play and store data, burn it to a DVD, upload it to the Internet or print it out. Provided software lets you perform advanced video editing and easy DVD authoring to create your own masterpieces.

Easy printing with PictBridge/DPOF support

With PictBridge, digital stills can be output to a compatible printer with just one cable connection. Also, DPOF (Digital Print Order Format) information lets you easily order digital printing of your shots from a photo studio.

Creative and Convenient Supplied Computer Software

For video and photo management and easy DVD creation with a computer, all Everio G models come with high-value computer software for both Windows® and Macintosh.

For Windows® — CyberLink DVD Solution

PowerProducer™ offers easy authoring of video clips in any order you choose to DVD, even right from a USB-connected camera, so you can share your original DVDs with anybody who owns a DVD player.

PowerDirector™ Express offers feature-rich,non-linear editing so you can flex your creative muscle with titles, effects, and even mix stills with videos. Also converts to a variety of file formats including DV-AVI, Windows-AVI®, MPEG-1 and MPEG-2, Windows Media Video® and RealVideo®.

PowerDVD™ for easy video clip and DVD playback with Dolby Digital Audio.

For Macintosh — PIXELA Capty MPEG Edit Ex (Ver. 1.3)

This software provides frame accurate cuts-only editing with original MPEG-2 video. You can divide or merge MPEG-2 files. It also converts files to formats commonly used with Macintosh for burning DVDs and further editing. When used with **optional PIXELA Capty DVD**, edited MPEG-2 programmes or original Everio MOD files can be used to easily create DVDs without conversion. For still image data, you can use the iPhoto software that is bundled with Macintosh.

System Requirements

[For CyberLink DVD Solution]

OS: Microsoft® Windows® 2000 Professional SP4/XP Home Edition/XP Professional (pre-installed), equipped with USB connector.

CPU: Intel® Pentium® III, at least 700MHz. Pentium® 4, at least 2GHz recommended.

RAM: At least 128MB. (256MB or higher recommended)

[For Capty MPEG Edit EX]

OS: iMac G4/G5, iBook G4, Power Mac G5, PowerBook G4, eMac, Mac Mini, equipped with USB2.0 connector.

CPU: Mac OS X (10.2.8, 10.3.1 to 10.3.9)

RAM: At least 128MB. (256MB or higher recommended

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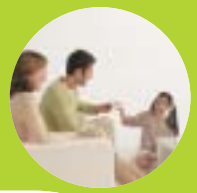
Everio DVD Burning Solution

Recommended Apacer burner lets you create a DVD-Video disc without a PC



Apacer AD330

Portable DVD Burner / Multimedia Player

Creating DVDs is simple and easy! Just connect Everio and AD330 via USB. No PC required!

- **Converts JVC Everio MOD movie file clips and playlists to DVD-Video format DVDs, as many as necessary.**
- **Data backup from memory cards to CD or DVD directly Supports MicroDrive®, Compact Flash type I/II, Memory Stick, Memory Stick Pro, SD Memory Card, MultiMediaCard, and Smart Media**
- **DVD playback**
- **1.5" TFT LCD for menu display and viewing JPEG photo images**
- **Functions as a card reader and external DVD multi drive for PC**
- **Data comparison function to make sure the data has been saved completely**
- **USB2.0 high speed interface**
- **PictBridge support for easy printing with compatible printer**
- **Remote control provided**

Note: Please check for distribution in your country. Distribution subject to future development in some countries. Please contact Apacer Technology Inc. at the following URL: http://www.apacer.com/apacer_english/contact/contact_sales.asp

Provided Accessories

- AC Power Adapter
- Rechargeable Battery Pack (BN-VF707, 700 mAh)
- AV Cable
- USB Cable
- Remote Control
- Shoulder Strap
- Lens Cap
- Software CD-ROM (USB Driver, Digital Photo Navigator (Win), CyberLink DVD Solution (Win), PIXELA Capty MPEG Edit EX (Mac))

Optional Accessories

Data Batteries

BN-VF707 Battery Pack — 1hr.
BN-VF714 Battery Pack — 2hr. 10min
BN-VF733 Battery Pack — 5hr.

AA-VF7 Battery Charger

Memory Card

CU-ASD032/ASD064 SD Memory Card

Lenses & Filters

GL-AW30 0.4x Wide Conversion Lens (ø30.5mm) — GZ-MG40/MG50

GL-AT30 1.5x Tele Conversion Lens (ø30.5mm) — GZ-MG40/MG50

GL-AP27 Lens Protector (ø27mm) — GZ-MG20/MG30

GL-A30CPK Filter Kit (ø30.5mm) — GZ-MG40/MG50
GL-A27CPK Filter Kit (ø27mm) — GZ-MG20/MG30
Lens Protector and Polariser Filters

Others

VU-AM50KIT Starter Kit including BN-VF707 Data Battery and CB-AM50 Carrying Bag

CB-AM50 Carrying Bag

CU-AL25 LCD Monitor Hood

Pixela Capty DVD Software

For more information on Everio G Series Hard Disk Camcorders, visit the Everio G Series website or consult a JVC dealer near you.

Specifications

	GZ-MG20	GZ-MG30	GZ-MG40	GZ-MG50
Format	SD-VIDEO Entertainment Video Profile: Video: MPEG-2-PS / Audio: Dolby Digital Still: JPEG (PictBridge, DPOF compatible)			
Storage Media	1.8" Hard Disk Drive (Embedded), SD Memory Card			
Hard Disk Drive Capacity	20GB	30GB	20GB	30GB
Image Sensor	1/6-inch, 800,000-pixel CCD	1/4.5-inch, 1.33 Megapixel CCD		
Lens	F1.8 – 3.2 (f=2.2 – 55mm) 35mm equiv.: Normal Video: 42.0 – 1050 16:9 Video: 42.0 –1050 Still: 42.0 – 1050		F1.2 – 2.8 (f=3.0 – 45mm) 35mm equiv.: Normal Video: 43.3 – 649.5 16:9 Video: 39.3 – 589.5 Still: 36.1 – 541.5	
Shutter Speed	1/2 – 1/4000 (Video) , 1/2 - 1/500 still			
Still Image Size	640x480		1152x864 1024x768 640x480	
Zoom Ratios	25x Optical / 800x Digital (max.)		15x Optical / 700x Digital (max.)	
Filter Diameter	27.0mm		30.5mm	
Monitor	112,000-pixel 2.5-inch amorphous silicon colour LCD			
Interfaces	SD Memory Card slot, USB2.0/1.1, AV Out, S-Video Connector Out, DC In			
Power Source	Battery: 7.2V / AC adapter: 11V			
Dimensions (WxHxL)	Approx. 67mm x 70mm x 109mm under 512 cubic centimetres			
Weight	Approx. 320g Approx. 380g (Including battery and lens cap)			

Design and specifications subject to change without notice

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Long Time
recording unavailable with any other storage medium.

No Cost
for or need to buy additional recording media.

Direct Access
to scenes you want.

No Risk
of erasing something by mistake.

Easy Deletion
of unwanted scenes.

Simple Editing
is possible by camera itself. Playlist function.

Smart Advantages of a Hard Disk Camcorder

Everio G Series
HARD DISK CAMCORDER

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JVC JAZZ FESTIVAL

JVC TOKYO VIDEO FESTIVAL

JVC®

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MCN-0291-MC